

# **SUBSYSTEMS: SELF CALIBRATION**

Specifications are after calibration.																													
Sigma Delta: Transducer Interface A/D's not Included																													
Power Supply Requirements									Input Voltage Range	Conversion Rate	Accuracy or Linearity		Differential Linearity		Full Scale Error		Zero Error		Bipolar Zero Error		Voltage		I/O	Model Designator Temperature Range				#	Price
	#	#		+Icc	-Icc		+Vdd	+Idd			Lsb's	Lsb's	Lsb's	Lsb's	Lsb's	Lsb's	Lsb's	Lsb's	Reference			0		-25	-40	-55	of		
MODEL	Bits	CH	+Vcc	mA	-Vee	mA			KSPS	+25C	Tmax	+25C	Tmax	+25C	Tmax	+25C	Tmax	+25C	Tmax	INT	EXT	70C	85	85	125	Pins	/100's		
AD7853	12	1	+5V	5.5				Vref/2	200	1	1	1	1	1	1	1	1	1	1	2.5	S			A	S	24	\$10.00		
AD7853								or ±Vref/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2				B				\$12.95		
AD7853L (Low Power version of AD7853)																													
AD7853L	12	1	+3V	5.5				Vref/2	100	1	1	1	1	1	1	1	1	1	1	2.5	S			A	S	24	\$7.55		
AD7853L								or ±Vref/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2					B			\$9.95		
AD7854	12	1	+3/5V	5.5				Vref/2	200	1	1	1	1	4	4	3	3	4	4	2.5	P12			A	S	28	\$11.00		
AD7854								or ±Vref/2		1/2	1/2	1	1	4	4	3	3	4	4					B					
AD7854L (Low Power version of AD7854)																											\$8.15		
AD7854L	12	1	+3	1.6				Vref/2	100	1	1	1	1	4	4	3	3	4	4	2.5	P12			A	S	24			
AD7854L								or ±Vref/2		1/2	1/2	1	1	4	4	3	3	4	4					B					
AD7858	12	8	+3/5V	5.5				Vref/2	200	1	1	1	1	1	1	1	1	1	1	2.5	S			A	S	24	\$11.35		
AD7858								or ±Vref/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2					B			\$14.50		
AD7858L (Low Power version of AD7858)																													
AD7858L	12	8	+3V	5.5				Vref/2	100	1	1	1	1	1	1	1	1	1	1	2.5	S			A	S	24	\$8.15		
AD7858L								or ±Vref/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2					B			\$10.50		
AD7859	12	8	+3/5V	5.5				Vref ±Vref/2	200	1	1	1	1	1	1	1	1	1	1	2.5	P12			A	S	44	\$13.85		
AD7859	12	8								1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2					B			\$16.00		
AD7859L	12	8	+3	1.6				Vref ±Vref/2	100	1	1	1	1	1	1	1	1	1	1	2.5	P12			A	S	44	\$13.65		
AD7859L								or ±Vref/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2					B			\$17.50		
AD7856	14	8	+5V	17				0 to Vref	285	2	2	2	2	10	10	10	10	10	10	4.096	S			A	S	24	\$16.00		
AD7856	14	8	1							1	1	1	1									K					\$18.00		
AD1876	16	1	+12	12	-12	12	+5	12	100					NS	NS	NS	NS	NS	NS		+5V	S	J					\$33.00	
AD676	16	1	+12	12	-12	12	+5	12	±10	100	NS	NS	NS	NS	NS	NS	NS	NS	NS		+5V	P16	J		A		24	\$31.82	
AD676											1 1/2	1 1/2										K		B	T		\$37.25		
AD677	16	1	+12	12	-12	12	+5	12	±10	100	NS	NS	NS	NS	4			4			S	J		A		16	\$29.50		
AD677											1 1/2	1 1/2		3			3					K		B	T		\$34.70		
HYBRID																													
AD1385	16		15	80	15	75	+5V	160	± 5	500	1 TYP		1	1	96	40	NS	NS	64	40	+10V	P16	K			DH48	\$697.00		
AD1385							-5V	200	or ±10						100				100						T		\$897.00		